INTERNATIONAL SEARCH REPORT

International application No.

A CY LOCATE CATIVON ON CATIVOTO A CATIVOTO			
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04B 15/00; H04L 27/10.27/22			
US CL : 375/279,285,329,340			
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 375/261,269,279,284,285,296,298,329,340,346,377			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
EAST CAST			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	propriate of the relevant passages	Relevant to claim No.
X,P	US 2002/0131515 A1 (RODRIGUEZ) 19 September		
A.,.	CO 2002/0131313 AT (KODIGOGEZ) 13 September	2002 (19.09.2002), section 0059.	1,8,11,13,15,22
A I	TIC 5 929 COS 4 (TITEDE) 22 C-1-1 4000 (22 10	4000 . 1 1 1	
^	A US 5,828,695 A (WEBB) 27 October 1998 (27.10.1998), whole document. 1-23,25-27		
A,E	US 2003/0126536 A1 (GOLLAMUDI et al) 03 July	7 2003 (03.07.2003), whole document.	1-23,25-27
[
1			
1 1			
1			
1			
1			
1		j	
			:
Further	documents are listed in the continuation of Box C.	See patent family annex.	
	pecial categories of cited documents:	"T" later document published after the in	
		priority date and not in conflict with	the application but sited to
"A" document	defining the general state of the art which is not considered to	understand the principle or theory un	derlying the invention
be of par	ficular relevance		
"E" eaglier an	plication or patent published on or after the international filing	"X" document of particular relevance; the considered novel or cannot be considered.	orant to involve an inventive
date		step when the document is taken alor	IO
"L" document	which more through doubts on autorities about 60 and 1111 1111		
"L" document which may throw doubts on priority claim(s) or which is cited "Y" document of particular relevance; the claimed invention or to establish the publication date of another citation or other special reason considered to involve an inventive step when the document			o claimed invention counct be
(as specia	licd)	combined with one or more other suc	ch documents, such
"O" document	inferior to an end dealers and the second	combination being obvious to a perso	on skilled in the art
o documen	referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent	family
"P" document published prior to the international filing date but later than the			
priority date cisimed			
Date of the a	cutat completion of the international search	Date of mailing of the interpretable sea	rch report
27 September 2003 (27.09.2003)		29 001 500	
Name and mailing address of the ISA/US		Authorized officer	
Mail Stop PCT, Atta: ISA/US		Authorized officer	
Commissioner for Patents Chie		Chieh Fan	
P.O. Box 1450			
Alexandria, Virginia 22313-1450 Telephone No. (703) 305-4750			
Facsimile No. (703)305-3230			
Form PCT/ISA/210 (second sheet) (July 1998)			